

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/013995

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q1/32 H01Q7/08 H01Q1/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 396 698 A (ORTHMANN KURT ET AL) 14 March 1995 (1995-03-14)	1
Y	column 1, lines 41-68 column 2, line 55 - column 3, line 52 column 4, lines 47-65 figures 1-3,7	3,4
Y	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 10, 31 October 1996 (1996-10-31) -& JP 08 166446 A (KUBOTA CORP), 25 June 1996 (1996-06-25) abstract; figure 1	3,4

-/-

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/19585 A (HUF HUELSBECK & FUERST GMBH ; KEMMANN HARALD (DE); LANGE STEFAN (DE);) 22 April 1999 (1999-04-22) figures 1,2 page 5, line 21 - page 6, line 19 -----	1-4
A	US 5 253 226 A (GANTER WOLFGANG) 12 October 1993 (1993-10-12) figure 1 column 3, lines 20-53 -----	1-4
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08, 30 August 1996 (1996-08-30) -& JP 08 097616 A (TOKIN CORP), 12 April 1996 (1996-04-12) abstract; figure 1 -----	1-4
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 117107 A (TOKO INC), 6 May 1998 (1998-05-06) abstract -----	1-4

information on patent family members

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